

 WAZEWSKI, T.

PHASE I BOOK EXPLOITATION

POL/4232

Polskie towarzystwo matematyc:zne

Prace Matematyczne, II, 1 (Mathematical Transactions, Vol. 2, pt. 1). Warszawa, Państwowe wyd-wo naukowe, 1956. 200 p. 790 copies printed.

Editorial Committee: Władysław Orlicz (Chief Ed.), Stefan Drobot (Deputy Chief Ed.), Adam Bielecki, Stanisław Hartman, Jan Mikusiński, Roman Sikorski, Marceli Stark, Hanna Szmuszkowicz, Krzysztof Tatarkiewicz, and Włodzimierz Wrona.

PURPOSE: This book is intended for mathematicians.

COVERAGE: This collection of articles deals with the theory of numbers, algebra, and some other subjects connected with mathematics. Among topics treated are the pursuit method of the theory of games and a biography of a Polish mathematician K. Zurawski, consisting mainly of a discussion of his mathematical work. No personalities are mentioned. References and summaries in Russian and English are given after several of the articles.

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Modules of the Congruence  $\sum_{r=1}^{n-1} r^{n-1} = -1 \pmod{n}$ Reports From Scientific Sessions Held at the Polish Mathematical Society 179

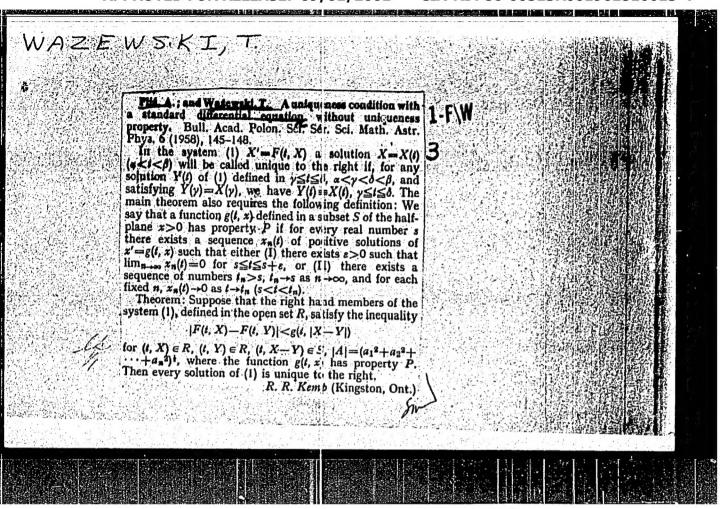
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### WAZEWSKI, T.

"A. Plis' method of determining the existence domain of the solution of Cauchy's problem for partial equations of the first order. In French."

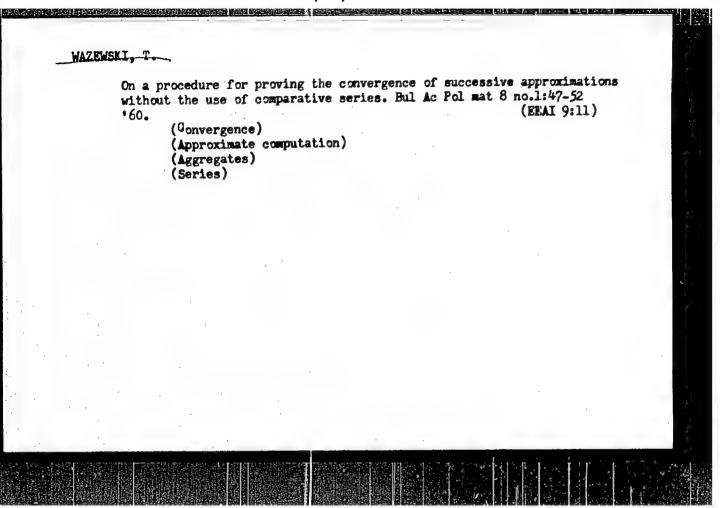
p. 131 (Bulletin) Vol. 4, no. 3, 1956 Varsovie, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958



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## WAZENSKI, T. On an extension to ordinary differential equations of the I. Jungermann's procedure for the establishment of convergence of successive approximations. Bul Ac Pol mat 8 no.1:43\_46 '60. (EEAI 9:11) 1. Instytut Matematyczny, PAN (Convergence) (Approximate computation) (Differential equations) (Spaces, Generalized)



### C WAZEWSKI, T.

On the derivability of the limit of a set of functions with an approximate unilateral derivative (case of Banach space). But Ac Pol mat 8 no.5:295-299 160.

1. Institut Mathematique (Section de Cracovie), Academie Polonaise des Sciences.

(Spaces, Generalized) (Functions)

### WAZEWSKI, T.

On the existence and unity of integrals of ordinary differential equations in the case of Banach spaces. Bul Ac Pol mat 8 no.5: 301-305 60.

1. Institut Mathematique (Section de Cracovie), Academie Polonaise des Sciences.

(Differential equations) (Integrals) (Spaces, Generalized)

S/044/62/000/006/103/127 B166/B112 16,8000 Ważewski, T. AUTHOR: Control systems and equations in contingencies

TITLE:

Referativnyy zhurnal. Matematika, no. 6, 1962, 50, abstract PERIODICAL: 6V252 (Bull. Acad. polon. sci. Sér. sci. math., astron. et phys., v. 9, no. 3, 1961, 151-155)

TEXT: A system of conditions

 $\begin{cases} x(t) = \int_{0}^{t} f(s, x(s), u(s)ds, t \in J, \\ u(t) \text{ is measurable in } J, \\ u(t) \in C(t, x(t)) \text{ almost everywhere in } J, \end{cases}$ 

where  $x \in \mathbb{R}_n$ ,  $u \in \mathbb{R}_p$ , J = [0, b],  $f = (f_1, \dots, f_n)$ , and where regions of variation of x, t, and f are given, in which J, x(t), and u(t) are unknowns, is called a control. system with an initial condition  $x(0) = 0_n$ . Card 1/2

CIA-RDP86-00513R001961510013-4" APPROVED FOR RELEASE: 09/01/2001

S/044/62/000/006/103/127 B166/B112

Control systems and equations ...

A differential equation  $S^*$  obtained by partial differentiation of the equation of system S is examined. Here, the partial derivative (contingency) of the function x(t) at the point  $t_0$  means the set of limits

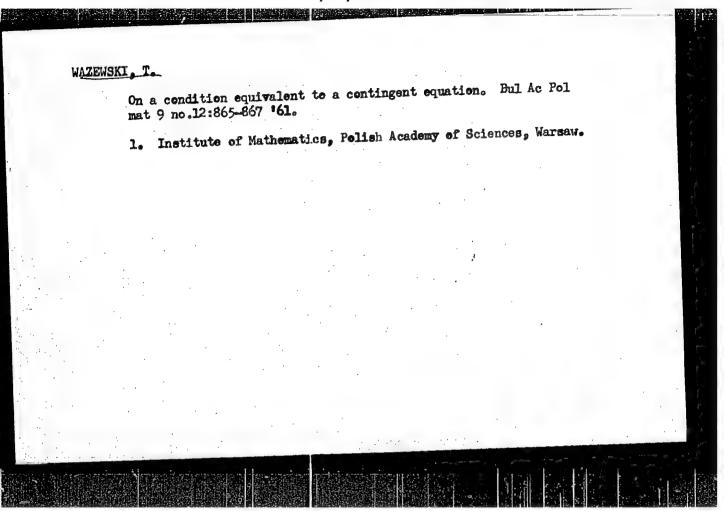
of the converging sequences  $p(t_n)$ ,  $t_n \rightarrow t_0$ , where  $p(t) = \left[ (x(t) - x(t_0))/(t - t_0) \right]$ . Conditions under which S and S are equivalent are established. Certain theorems are obtained concerning the existence of "peripheral" solutions of S which realize the minimum time of reaching a fixed or a moving target. The nonlinear case is examined and a supplement to the case where S is linear with respect to the control variables u but nonlinear with respect to the position variables x is indicated. [Abstracter's note: Complete translation.]

Card 2/2

### WAZEWSKI, T.

On one condition of the existence of implicit measurable functions. Bul Ac Pol mat 9 no.12:861-863 161.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.



APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

# On the lewer semicontinuity of a "tender" of compact set varying centinuously. Bul Ac Pol mat 9 no.12:869-872 '61. 1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

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P/031/62/007/001/002/021 D265/D308

AUTHOR:

Ważewski, Tadeusz

TITLE:

On the problem of optimal control in a non-linear case

PERIODICAL: Archiwum automatyki i telemechaniki, v. 7, no. 1-2,

1962, 19 - 32

TEXT: The theorem of existence of optimal solutions to a non-linear problem of control is generalized by introducing a new concept of quasitrajectory of controlled systems. By elimination of the variables of control it is possible to pass to the theory of A. Marchaud and S.K. Zaremba by introducing the concept of the quasitrajectory of orientor fields. The author defines a 'tendor' of compact set N as the smallest compact set Q which has the same convex screen as the set N. The anti-domain of control N(t, x) depends on the time t and position x of the controlled point. N(t, x) represents a control orienter field 'associated' with the controlled system of differential equations x'(t) = f[t(x, t), u(t)] where u(t)is a control function with the vectorial values situated in the given domain of control system S. The set Q(t, x) = tendor N(t, x), Card 1/2

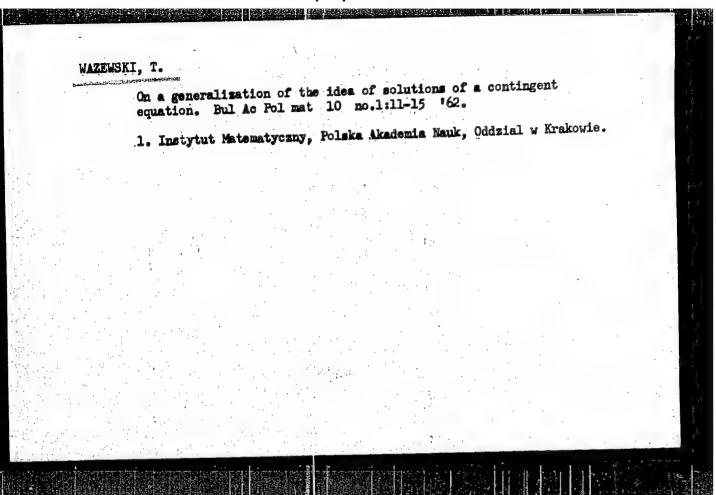
P/031/62/007/001/002/021 D265/D308

On the problem of optimal control .

smaller than the set N(t, x), represents the orientor field Q(t, x). The control by means of this field -called tendor control- resembles to some extent the so-called 'bang-bang' method. The theorem of the existence of optimal quasitrajectories of tendor type (bangbang) is based on the fact that the system S and orientor fields N(t, x) and Q(t, x) have identical quasitrajectories. A theorem of a 'further saturation' of the domain of control permits to substitute the quasitrajectories for normal trajectories. By introducing a suitable minoring and majoring orientor field the optimum time of control can be estimated. The problem of optimum control is here reduced to an easier one making use of the classical Hamilton's equations and eliminating the variables of control

ASSOCIATION: PAN (PAS)

Card 2/2



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### WAZEWSKI, T.

On the conlinear systems of order whose opposite fields of order are not necessarily convex. Bul Ac Pol mat 10 no.1:17-21 62.

1. Instytut Matematyczny, Polska Akademia Nauk, Oddział w Krakowie.

### Some equivalent definitions of quasi trajectories of control systems. Bul Ac Pol mat 10 no.9:469-474 '62. 1. Instytut Matematyczny, Polska Akademia Nauk, Warszawa. Presented by T. Wazewski.

### PLIS, A.; WAZEWSKI, T. (Krakow)

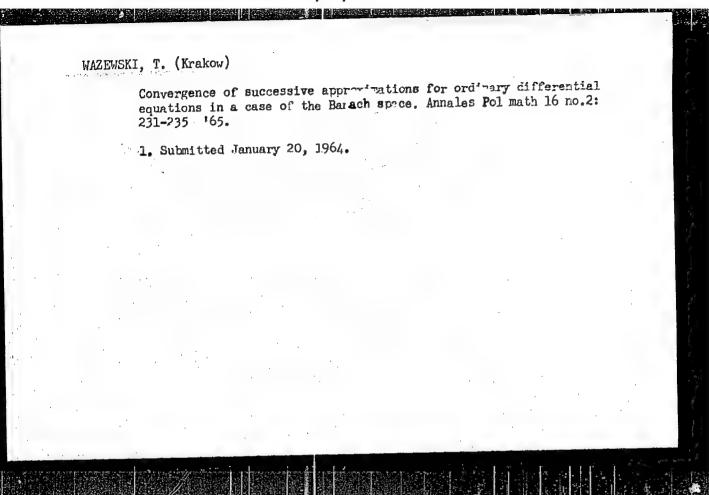
Functions with all partial derivatives arbitrarily prescribed at a point. Annales pol math 12 no.2:155-157 162.

1. Mathematical Institute, Polish Academy of Sciences, Warsaw.

### WAZEWSKI T

On a control system in which the trajectories coincide with the quasi trajectories of a given control system. Bul Ac Pol mat 11 no.3:101-104 '63.

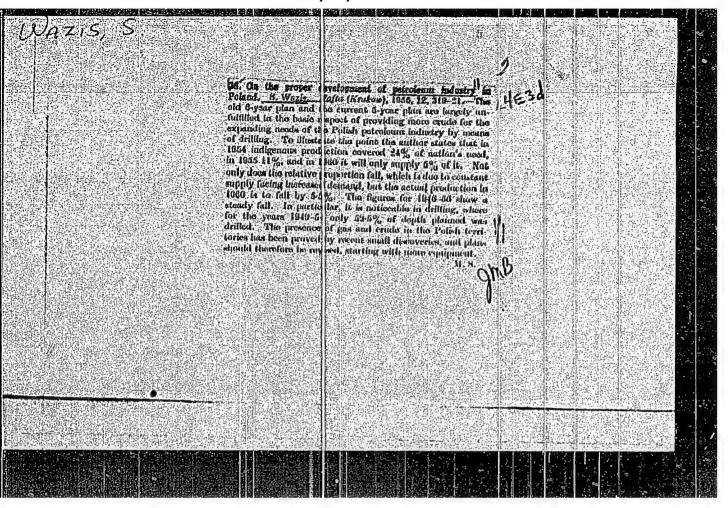
1. Instytut Maszyn Matematycznych, Oddział Krakow, Polska Akademia Nauk.



KRUPOWICZ, Jan; WAZGIRD, Michal

Action of bromine on d-karen-3. Rocz chemii 36 no.12:1915-1916 163.

1. Katedra Chemii Organicznej, Uniwersytet im. M. Kopernika.



OSSTOWSKA, Ewa; WAZNA, Krystyna; MARKIEWICZ-CZAPSKA, Danuta

A case of encephalitis following vaccination against rabies. Neurol. neurochir. psychiat. pol. 12 no.1:123-126 '62.

1. Z Pracowni Warszawskiej Zakladu Neuropatologii PAN Kierownik Pracowni: doc. dr E. Osetowska z Kliniki Pediatrycznej AM w Lublinie Kierownik: [prof. dr W. Klepicki] z Kliniki Neurologicznej AM w Lublinie Kierownik Kliniki) prof. dr W. Stein

(RABIES immunol) (VACCINATION compl)
(ENCEPHALITIS etiol)

RYDZEWSKI, Andrzej; WAZNY, Halina

Petrographic and geochemical research on the Lower Zechstein sediments of the Lebork borehole. Kwartalnik geol 6 no.4:583-604 162.

1. Zaklad Zloz Rud Metali Niezelaznych i Zaklad Geochemii, Instytut Geologiczny, Warszawa.

WAZNY, Halina

POLAND

WAZNY, Halina

Department of Geochemistry of the Geological Institute (Zaklad Geochemii Instytutu Geologicznego)

Warsaw, Kwartalnik Geologiczny, No 3, 1963, pp 502-03.

"Geochemical Problems in Some Western Poland Bore-holes".

### WAZNY, J.

Studies on the influence of mineral nutrition on the growth of the fungi Coniophora cerebella Pers. and Merulius lacrymans (Wulf.)Fr. Acta soc botan Pol 32 no.3:575-608 '63.

1. Zaklad Fitopatologii Lesnej i Konserwacji Drewna, Szkola Glowna Gospodarstwa Wiejskiego, Warszawa.

SOSNIERZ, Marian; WAZNA-BOGURSKA, Czeslawa

Pathomorphologic alterations in peripheral and abdominal lymph nodes in the course of silico-anthracotic coniosis. Acta medica polona 2 no.2:147-155 '61.

1. Department of Pathological Anatomy, Silesian Medical Academy, Zabrze. Director: Prof. Witold Niepolomski M.D. (Garried out at the request of the Institute of Occupational Medicine in the Coal and Steal Industry) Director: Prof. Dr. Brunon Nowakowski M.D. (ANTHRACOSLICOSIS pathol) (LYMPH NODES pathol)

SOSNIERZ, Marian; WAZNA-BOGUNSKA, Czeslawa

Selective necrotic changes in the central nervous system of rats exposed to coal dust with a determined chemical composition. Pat. Pol. 15 no.3:313-325 J1-S 164.

1. Z Zakladu Anatomii Patologicznej Sl. Akademii Medycznej w Zabrzu (Kierownik: prof. dr. med. W. Niepolomski).

SAMOCHOWIEC, Leonidas; HABCZYNSKA, Danuta; WAZNA-BOGUNSKA, Czeslawa

Effect of the atherogenic diet and of Cynara scolymus L. and Cynara cardunculus L. on the his topathological picture of coronary vessels and myocardium in rats. Pat. pol. 13 no.3:337-348 162.

1. Z Zakladu Farmakologii Sl. AM w Zabrzu-Rokitnicy.Kierownik: doc. dr med. T. Chrusciel Z Zakladu Anatomii Patologicznej Sl. AM w Zabrzu. Kierownik: prof. dr med. W. Niepolomski. (DIET) (ARTERIOSCLEROSIS) (N

(ARTERIOSCLEROSIS) (MYOCARDIUM) (CORONARY VESSELS) (VEGETABLES)

CIA-RDP86-00513R001961510013-4" APPROVED FOR RELEASE: 09/01/2001

HRYCKO-SPIOCHOWA, Maria; WAZNA-FOGUNSKA, Czeslawa; KOWALSKI, Waolaw; MAJEWSKI, Henryk

On the problem of "asymptomatic" peritonitis. Pol. tyg. lek. 17 no.14: 516-517 2 Ap \*62.

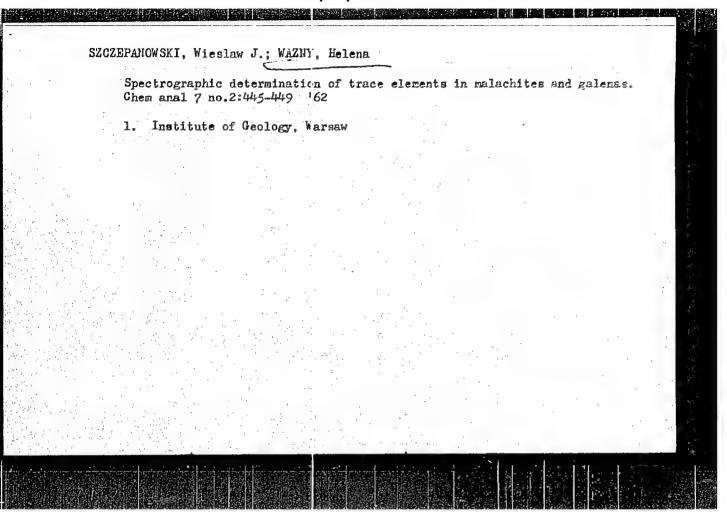
1. Z Zakladu Anatomii Patologicznej Sl. AM w Zabrzu; kierownik: prof. dr med. Witold Niepolomski.

(PERITONITIS diag)

# MAREK, Kazimierz; WAZNA-BOGUNSKA, Czeslawa

A case of primary pulmonary hypertension. Polskie arch. med. wewn. 32 no.5:509-518 162.

1. Z II Kliniki Chorob Wewnetrznych Sl. AM. Kierownik: prof. dr med. W. Zahorski i z Zaliadu Anatomii Patologicznej Sl. AM. Kierownik: prof. dr med. W. Niepolomski. (HYPERMENSION PULMONARY case reports)



WAZNY, J.

"G" Action of a Fight Against Fungi in Buildings." p. 189 (Problemy. Vol., 9. no. 3 1953 Warszawa.)

Wol. 3, no. 6 SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

WAZNY, Halina; SZCZEPANOWSKI, Wieslaw

Spectrum analysis of trace elements in galena by the sifting method. Evartainik gool 6 no.2:407 '62.

1. Zaklad Geochemii, Instytut Geologicsny, Warssawa.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

ZAIAZOWSKI, Kazimierz; KUDEJKO, Teresa; Kudejko, Jan; MAZNY, Mieczysław

Allergic chronic recurrent dermatopulmonary syndrome. Polski tygod.
lek. 14 no.22:1006-1011 1 June 59.

1. (Z Kliniki Dermatologicznej A. M. w Lublinie; kierownik: prof. dr
med. Czesław Ryll-Nardzuwski i z Zakladu Raddologii A. M. w Lublinie;
kierownik: prof. dr med. Kazimterz Skorzynski) Otrzynso: 19.XII. 1958;
adres: Lublin, ul. G. Dmitrowa 11, Klin. Dermatologiczma.

(ALLERGY, case reports
allergy dermatopulm. synd. (Pol))

(SKIN DISKASES, case reports
same)

(UUNG DISKASES, case reports
same)

SZCZEPANSKI, Leszek; WAZNY, Mieczyslaw

A rare case of pneumonia complicated by subcutaneous emphysems with inflammatory infiltrations in the jugular fossa. Pol. arch. med. wewnet. 34 no.8:1109-1112 '64.

1. Z II Kliniki Chorob Weimetrznych Akademii Medycanej w Lublinie (Kierownik: prof. dr. med. A.R. Tuszkiewicz) i z Zakladu Radiologii Akademii Medycznej w Lublinie (Kierownik: doc. dr. med. K. Skorzynski).

WAZNY, Mieczyalaw; KOPER, Stanislaw; KLAMUT, Marian

The cineradiographic method of studying the time of pulmonary circulation. Acta physiol. Pol. 16 no.2:321-327 Mr-Ap'65.

1. Zaklad Radiologii Akademii Medycznej w Lublinie (Kierownik: prof. dr. K. Skorzynsti); Katedra Chirurgii Wydzialu Weterynaryjnego Wyzszej Sztoly Rolniczej w Lublinie (Kierownik: doc. dr. M. Lewandowski).

WAZNY, Mieczyslaw; PLISZCZYNSKA-BRHNNENSTUHL, Maria

Radiological examination of the salivary glands with the use of water-soluble contrast media. Pol. przegl. radiol. 29 no.3: 249-255 My-Je '65.

1. Z Zakladu Radiologii AM w Lublinie (Kierownik: doc. dr. med. K. Skorzynski) i z Kliniki Otolaryngologicznej AM w Lublinie (Kierownik: prof. dr. med. B. Dylewski).

DAHLIG, Wlodzimierz; PASYNKIEWICZ, Stanislaw; WAZYNISK, Kazimierz

Reactions of organic aluminum compounds. Synthesis of tetra-

Reactions of organic aluminum compounds. Synthesis of tetraethyllead from triethylaluminum and lead acetate. Przem chem 39 no.7: 436-438 Jl 160.

1. Zaklad Technologii Organicznej I, Politechnika, Warszawa

WAZYNSKA, Joanna

An example of tree stand regeneration under natural conditions in the Babia Gora National Park. Roczniki wyz szkola rol Poznan 14 173-187 '63.

1. Institute of Dendrology, College of Agriculture, Poznan.

WAZYNSKA, Krystyna, mgr inz.

Concept and measurements of reliability. Przegl kolej elektrotech
11 no.10:244-248 0 '64.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

DABROWA-BAJON, Miroslawa, mgr., inz.; WAZYNSKA-FIOK, Krystyna, mgr., inz.

Scientific session and convention of graduates of the Faculty of Communication, Warsaw, Polytechnic.

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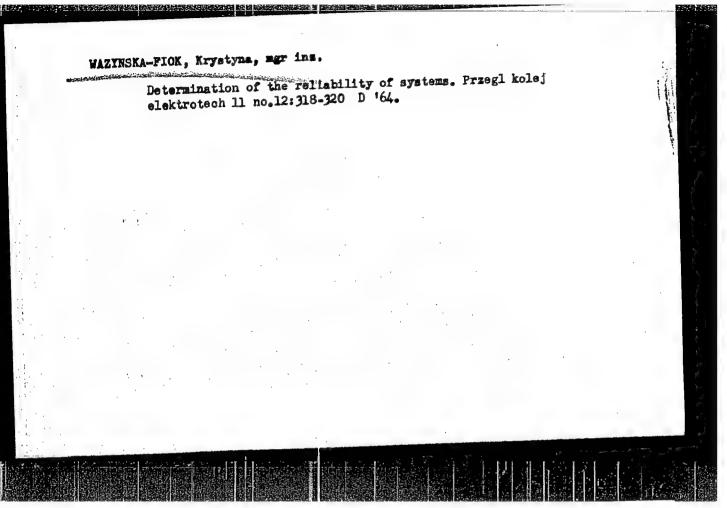
WAZYNSKA-FIOK, Krystyna, mgr in::.

Criteria for the possibility of applying electronics in signaling systems for truffic safety on railroads. Przegl kolej elektrotech 14 no.3:81-85 Mr. 162.

1. Katedra Teletechniki Komunikacyjnej, Politechnika, Warszawa.

DABROMA-BAJON, Miroslaw, mgr inst.; WAZYNSKA-FIOK, Krystyna, mgr inz.

A scientific session and congress of the alumni of the Department of Communication of the Marsav Polytechnical College. Preegl kolej elektrotech 14 no.4:128-3 of cover Ap 162.



APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

# Structure analysis of young pine woods with the application of xylometric mass measurements. Roczniki wyz szkola rol Poznan 14, 189-207 '63. 1. Department of Forest Planning, College of Agriculture, Poznan.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

ZABIELSKI, Boleslaw; MAGNUSKI, Konrad; WAZYNSKI, Bohdan; ZOLCIAK, Edward

Forest stands of Babia Gora National Park and their natural conditions. Prace nauk roln i less 17 nc.2:307-354 '64.

Prospective premises for a conversion of the forest stands of Babia Gora National Park. Ibid.:355-373

1. Department of Forest Planning, Higher School of Agriculture, Poznan.

ZABIEISKI, Boleslaw; MAGNUSKI, Konrad; WAZYNSKI, Bohdan; ZOLCIAK, Edward

Development analysis of osk regeneration in a pine stand by using the gap cutting method. Roczniki wyz szkola rol Poxnan 14, 233-247 '63.

1. Department of Forest Planning, College of Agriculture, Poznan.

WCISLINSKI, A.

We start fighting against highway accidents. p. 339. Vol. 10, no. 11, Nov. 1955. Motoryzacja.

SOURCE: East European Accessions List (EEAL), LC. Vol. 5, no. 3, March 1956.

POLAND / Diseases of Farm Animals. Diseases Caused by Viruses and Rickettsiae.

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Abs Jour

: Ref Zhur - Biol., No. 17, 1958, No. 78942

Author

: Larski, Zdizdislaw; Szaflarski, Jerzy; Wcislo, Bronislaw.

Inst

: Not given

Title

: Results of Innoculations Against Swine Disease on Farms.

Orig Pub

: Med. weteryn., 1957, 13, No. 4, 199-201

Abstract

: A vaccine prepared by the Traub method with a modification of Kondrina was introduced subcutaneously to young pigs in a dose of 10 - 15 nl and 20-25 nl to pigs. Of 844 animals vaccinated in the course of 8 nonths, 2 (0.35%)

were ill.

Card 1/1

Chamical Products and Their

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COUNTRY: POLAND  CATEGORY: Chemical Technology. Chemical Products and Their  CATEGORY: Chemical Technology. Chemical Products and Their  Applications. Food Industry.  Applications. Food	
ABSTRACT : No abstract.	
Card: 1/1	

Country : Poland H-25 Category :

Abs. Jour.: 47366

Author : Niewiarowicz, A.; Wcislo, H. Institut.

Title : Effect of the Procedure of Preparation of

Poultry Fat for Analysis on Change in Peroxide-

Acid-, and Iodine Value.

Orig Pub. : Przem. spozywczy, 1958, 12, No 8, 297-300

Abstract: An investigation to determine the best method of preparing samples of poultry fat for analysis. A study was made of the effect of duration and conditions of drying and extraction of samples with petroleum ether, on change in peroxide value (FV), acid value (AV), and iodine value (IV). The studies were carried out with rendered chicken fat (F), adipose tissue, concentrates and preserves of poultry. The extraction was carried out with petroleum ether fraction of BF 60°, or with chloroform repeatedly washed with distilled water, dried over anhydrous Na<sub>2</sub>SO<sub>4</sub> (I), and distilled (60.2-60.5° fraction). For control determinations of FV, AV, and IV, the samples were obtained by comminution of the F, Card: 1/6

Country : Poland H-25

Lbs. Jour.: 47366

Author :
Institut. :
Title :

Abstract : followed by melting on a water bath at 50° for 2 hours. The supernatant portion of the settled F was poured off and portions of it were withdrawn for control analyses. The tests were conducted with samples of melted F prepared by the following procedures: a) dehydration in vacuum drier (58°, pressure 100-120 mm Hg) for 1, 3, 6, and 24 hours, extraction with petroleum ether, by shaking in a flask, in extraction with petroleum ether, by shaking in a flask, in the cold, filtration of extract, driving off the solvent and drying in vacuum for 30 minutes; b) direct extraction in a drying in vacuum for 30 minutes; b) direct extraction in a drying in vacuum drier; c) dehydration in a cord: 2/6

Country : Poland H-25

Galogory : 47366

Ath. Jour. : 47366

Author : Institut. : Title : 

Orig Pub. : 

Atheract : vacuum drier, followed by extraction in a solution in the dark; d) dehydration with I, followed by sixhlet, in the dark; d) dehydration with I, followed by extraction in the cold with petroleum ether, by shaking in a flask in the dark, in which case the first sample was a flask in the dark, in which case the first sample was callected immediately after the contents of the flask were slaken a few times, while the other samples were kept at slaken a few times, while the other samples were kept at slaken a few times, and dried for 30 minutes in a vacuum filtered, evaporated, and dried for 30 minutes in a vacuum filtered, evaporated and dried for 30 minutes in a vacuum tissue was prepared by taking about 12 g of thoroughly comminuted adipose tissue, mixing them with 5-6 g of I, extracting by shaking in a flask with 50 ml petroleum ether Card: 3/6

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Са бокоту= : 47366
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Attract: or chloroform, after which the extract was filtered, 10 ml of filtrate were withdrawn, the solvent was filtered and a determination was made of the amount of F driven off and a determination was made of the amount of F driven off and a determine PV an amount of solution in 1 ml of solution. To determine PV an amount of solution was taken corresponding to a content of 1 g of F, and there was added thereto an amount of solvent required for the was added thereto an amount of solvent required for the

Country : Poland H-25

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Author : Institut. : Ittle :

Orig Pub. :

Abstract : of preserves, in an amount of 100-120 g, having a known mcisture content, was mixed with 120 g I, extracted with 100 ml petroleum ether or chloroform, and thereafter the same procedure was followed as in the case of adipose the same brocedure was followed as in the case of prize the same brocedure was followed as in the case of prize the same procedure was followed as in the case of prize the same brocedure was followed as in the case of prize the same brocedure was followed as in the case of prize the same procedure was followed as in the case of prize the same procedure was followed as in the case of prize the same procedure as slight, but invariable, increase of Prize alterations are considerably lower on a direct dehydration by means of I and concurrent extraction in the cold. For example, the Prize arrange for I hour in vacuum is 0.242, while after I hour of drying with I and concurrent extraction in the cold it is 0.223; analogously after 6 hours it is card: 5 /6

H-25 : Poland Country C...togsr;= 47366 abs. Jour. : auti r Tastitut. Titlc Orig. Pub. : Abstract : 0.282 and 0.235, and after 24 hours, 0.299 and 0.245. In favor of the second method of preparing the samples are also the results secured on using F from adipose tissue or from broth concentrates of poultry. On the other hand, in analysis of F of preserves, which contain relatively large amounts of water, a large amount of I is used up, and difficulties are encountered in the old of the same encountered in the old of the old of the same encountered in the old of the same encountered in the old of the old difficulties are encountered in the clarification of the extracts. In this instance, notwithstanding some changes in PV, AV, and IV, it is more advantageous to utilize the method of drying the sample in vacuum and extracting in a Soxhlet. M. Zemlyanukhina. card: 6/6

KOCWA, E.; MATUSIAK,K.; WCISLO, H.

Isolation of Clostridium acetobutylicum from its natural habitat Acta microb.polon 9 no.2:215-230 60.

1. Z Zakladu Mikrobiologii Technicznej Instytutu Przemyslu Fermentacyjnego w Krakowie (CLOSTRIDIUM culture)

HYS., R.; STYCZYHSKI, H.; WCISLO, H.

Effect of certain yeast cultures on lowering of ammonium nitrogen in rumen contents. Acta physiol.polon.ll no.5/6:876-878 '60.

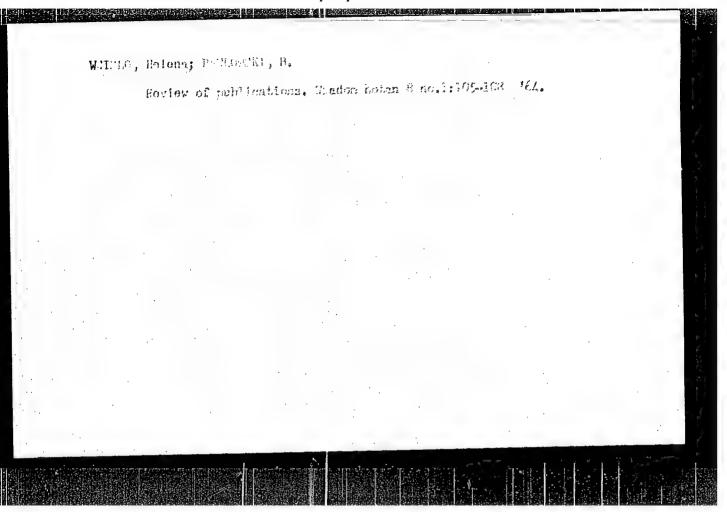
1. Z Pracowni Biochemicsnej Instytutu Zootechniki, Kierownik: prof. dr Z.Ewy.

(IEASTS)

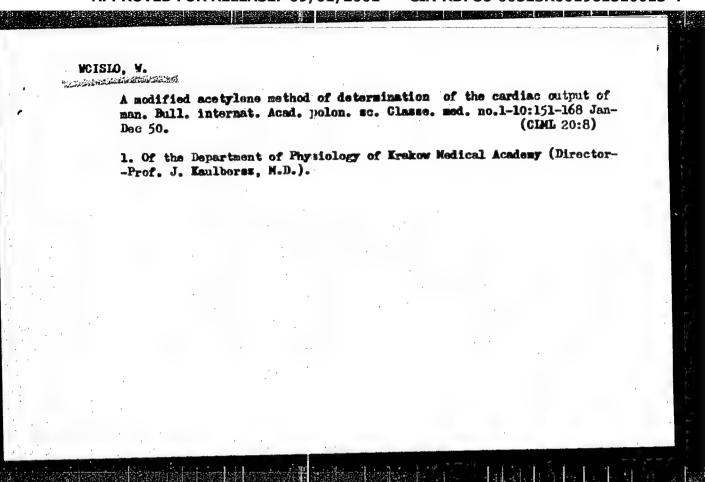
(STOMACH physiol)

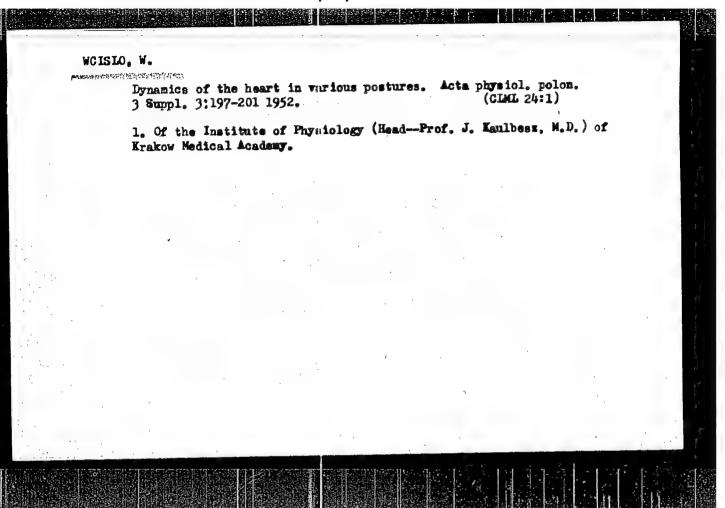
(NITROGEN)

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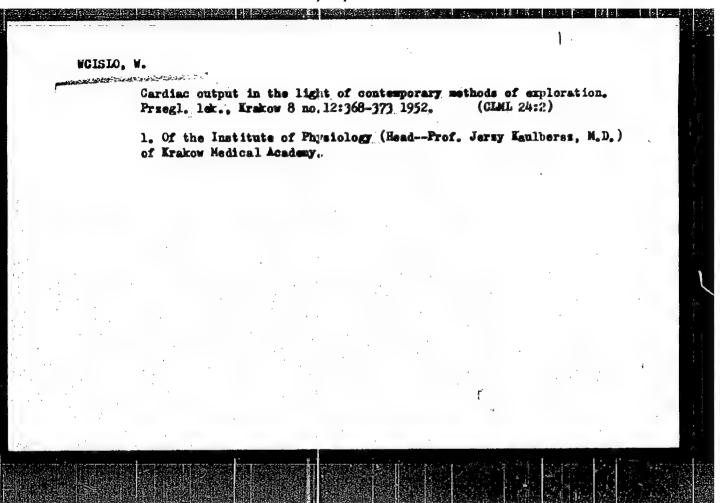


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APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

# WCISLO, Wincenty

Brgometry of the cardiac ventricles. Acta physiol. polon. 5 no.4: 386-391 1954.

1. Z Zakladu Fizjologii Akademii Medycznej w Krakowie. Kierownik; prof. dr J.Kaulbersz.

(HEART, physiology.

ventric. dynamometry)

NIEWIADOMSKI, St.: WCISLO, W., Krakow Level of oxygen and carbon dioxide in arterial blood in various methods of general anesthesia. Przegl.lek. Krakow. 11 no.9:279-281 1955. 1. Z III Kliniki Chirurgicznej A M w Krakowie. Kierownik: Prof. dr. J. Jasienski i z Zakladu Fizjologii A H w Krakowie. Kierownik: prof. dr. J. Kaulbersz. (CARBON DIOXIDE, in blood level variations in various methods of general anesth.) (OXYGEN, in blood level variations in various methods of general anesth.) (BLOOD. carbon dioxide & oxygen level in various methods of general anesth) (INHALATION ANESTHESIA level of carbon dioxide & oxygen in blood)

WCISIO. W.

Studies on cardiovascular reserves in the development of hemodynamic disorders. Acta physiol. polon. 8 no.3:561-562 1957.

1. Z Zakladu Fizjciogii A M w Krakowie Kierownik: prof. dr J. Kaulbersz. (CARDIOVASCUIAR S'ESTEM, physiology reserves in exper. hemodynamic disord. (Pol))

# MCISIO, W. Hemodynamics of histamine shock, Acta physiol. polon, 10 no.2: 141-145 Mar-Apr 59. 1. Z Zakladu Fizjologii A. M. w Krakowie Kierewnik: prof. dr J. Kaulbersz. (HISTANINS, eff. exper. shock, heomdynamic aspects (Pol)) (SHOCK, exper. histamine-induced, hemodynamic aspects (Pol)) (BLOOD CIECULATION, HEMODYNANICS OF EXPER. HISTAMINE SHOCK (Pol))

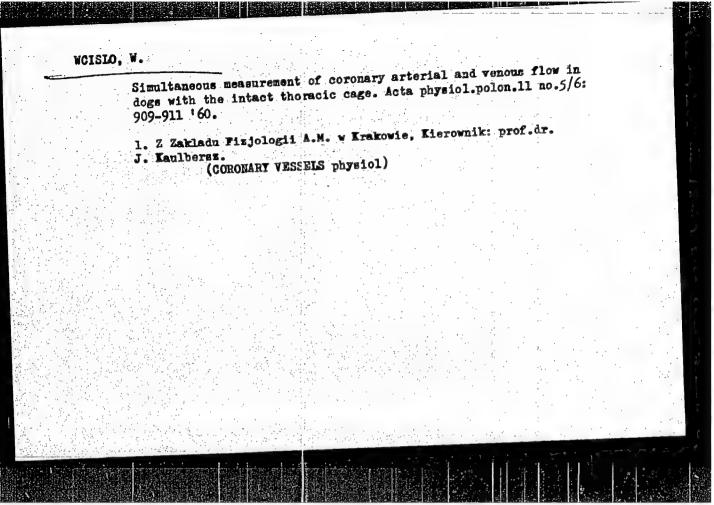
### WCISIO. W.

Hemodynamic reactions in dogs following administration of biogenic amines, serotonin, noral renaline, acetylcholin and histamine. Acta physiol. polon. 10 no.2:279-281 Mar-Apr 59.

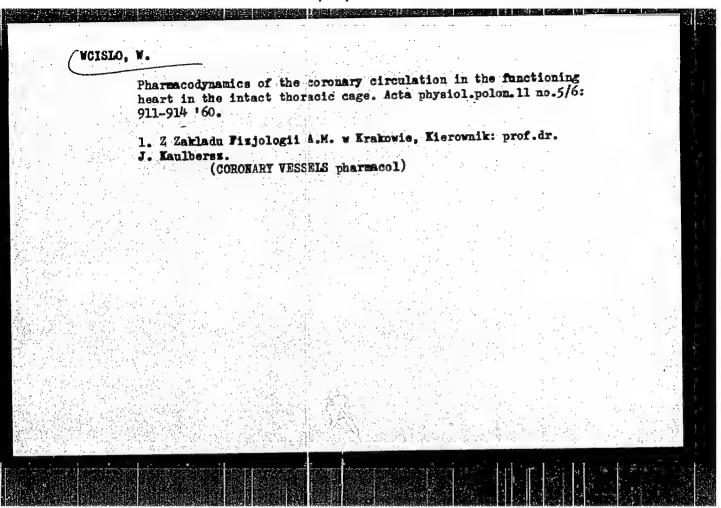
1. Z Zakladu Fizjologii A. M. w Krakowie Kierownik: prof. dr J. Kaulbersz.

(BIOOD PRESSURI, eff. of drugs on,
autonomic drugs & mediators (Pol))

(AUTONOMIC DRUGS, eff.
on blood pressure (Pol))



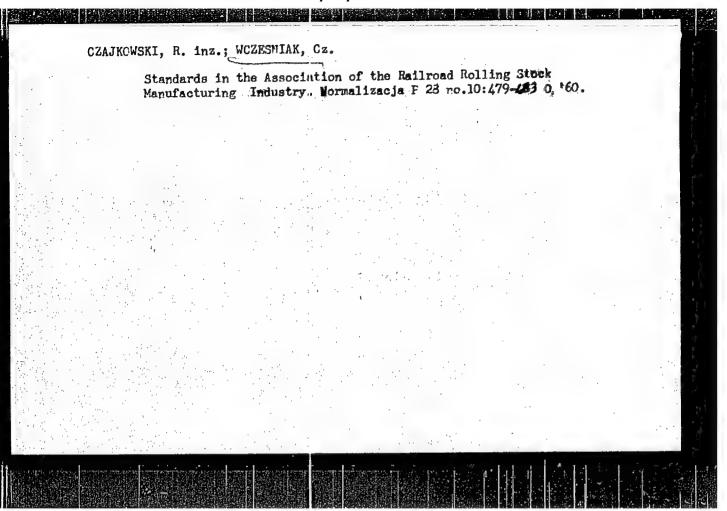
APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"



### WGISLO, Wincenty

Attempted hemodynamic interpretation of the pathogenesis of histamine shock. Acta physiol pol 12 no.1:25-62 '61.

1. ·Z Zakladu Fizjologi: A.M. we Krakowie Kierownik: prof. dr. J.Kaulbersz. (HISTAMINE pharmacol) (SHOCK exper) (VASOMOTOR SYSTEM physiol)



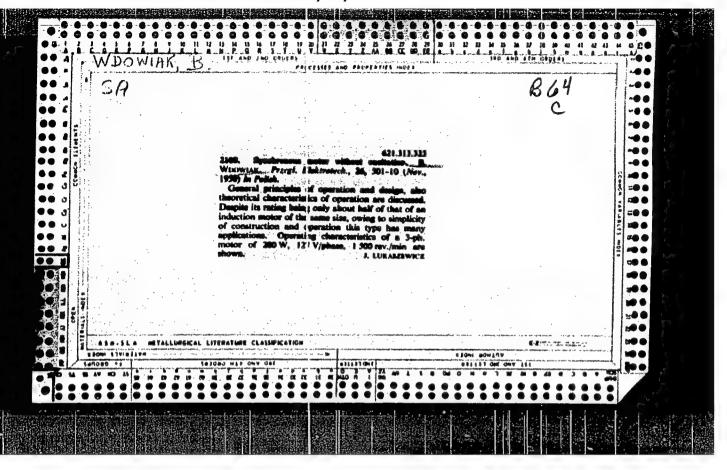
The Meson content in a photon-electron cascade initiated by a primary photon of energy 10<sup>15</sup> eV. Acta physica Pol 24 no.2:231-242 Ag 163.

1. Department of Experimental Physics, University, Lodz.

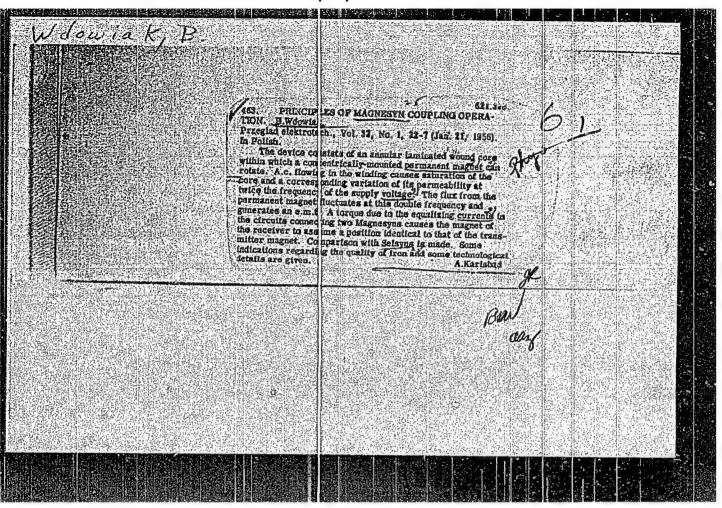
SROKA, Jan; TOMASZEWSKI, Alojay; WDOWCZYK, Jerzy

Collisions of cosmic radiation nuclei with nuclei of photographic emulsion. Nauki matem przyrod Lodz no.17:3-23 '64.

1. Department of Experimental Physics, University, Lodz.



Sliwiński T., Wdowiałc B. 1 and Operation Costs, of an "Ocena serii maszyji ete amortyzacji 1 eksploaticji" pp. 327—335, 6 figs., 1 lab.	Electric Machine Series, ktrycznych metodą analizy Przegląd Elektrotechnicz economic problems councide list and socialist condition series. Determination of the g depreciation of production computations, revealing	dai Depreciation  lacznych kosztów ny. No. 5, 1955,  d with designing ns. Criterion for a nnual running on own-cost and the marked in-	2	
and A				



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AUTHOR:

Wdowiak, B.

TITLE

Estimate of Three\_Phase Core\_Type Transformer Economy 17

Archiwum Elektrotechniki, 1960, Vol. 9, No. 1, pp. 203 - 226

A new method of estimating the economy of three-phase core-type transformers is described. The method is based on the analysis of the index value for the transformer running cost, which represents the unit monetary value of electric energy obtained from the transformer. The index of the transformer running cost is expressed as a function of basis parameters of the core shape and the electromagnetic loads of the transformer. Calculating formulas and a numerical example of calculation are given. There are 1 diagram, 1 table and 6 references, 4 of which are Polish and 2 German.

ASSOCIATION: Katedra Maszym Elektrycznych Politechniki Warszawskiej (Chair of Electric Machinery of Warszawa Polytechnic)

September 30, 1959

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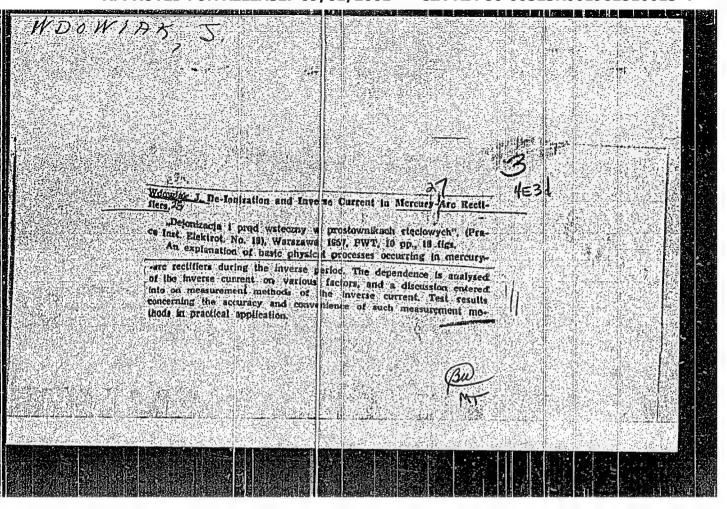
WDOWLAK, Boguslaw, dr ins.

Chamber of experts of the Association of Polish Electrical Engineers. Wind elektrotechn 28 no.3:79 Mr '61.

### WDOWIAK, B.

Selection of the current density and the shape of the armature of D.C. machines. Archivelektrotech 13 no.1:147-158 '64.

1. Department of Electric Machines, Institute of Design, Technical University, Warsaw.



KROCZEK, Julius, inz. dr., RNDr.; KUHNERT, Max, Dipl. inz.; MOLNAR, Istvan, Dipl. inz.; WDCWIAK, Janusz, Mgr. inz.

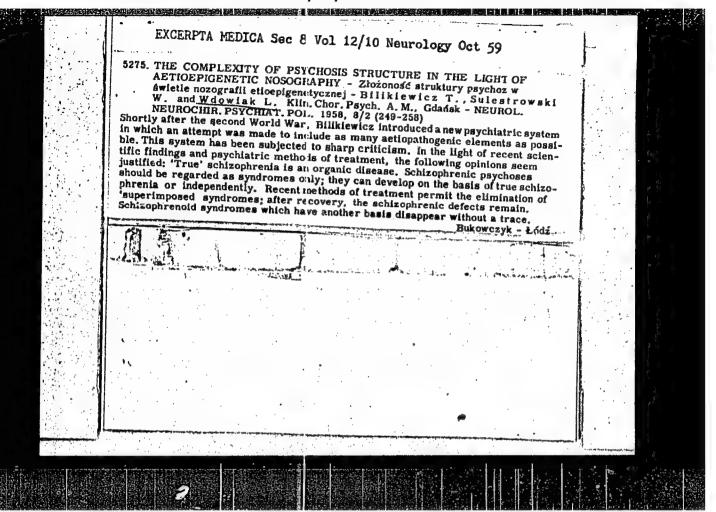
Measurement of some important control quantities of power semiconductor valves. El tech obzor 52 no.7:361-364 Jl '63.

1. Ceskoslovenska akademie ved (for Kroczek). 2. Ustav pro polovodicovou techniku, Berlin-Teltow, German Democratic Republik (for Kuhnert). 3. Laborator pro polovodice vyzkumneho ustavu pro elektroprumysl, Budapest, Hungary (for Molnar). 4. Institut elektrotechniky, Varsava, Poland (for Wdowiak).

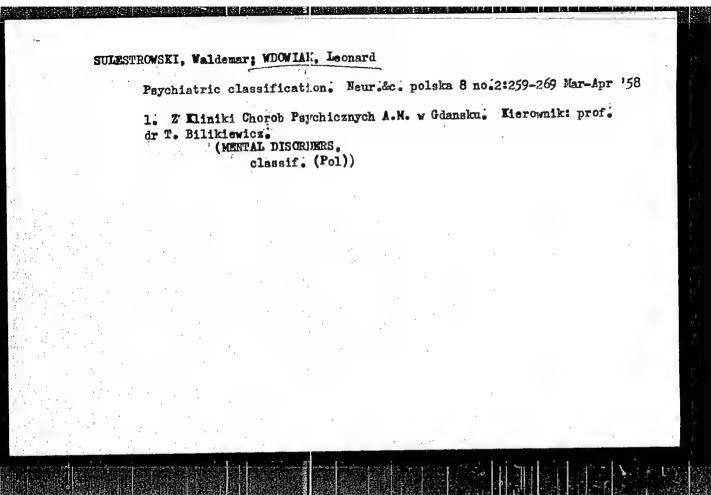
SULESTROWSKI, Waldemar; WDOWIAK, Leonard

Organically sometrioned neurotic syndromes, Polski tygod, lek, 12 no.40: 1524-1528 7 Oct 57.

1. Z Kliniki Chorob Psychicznych A. M. w Gdansku: kierownik: prof. dr T. Biliklewicz, Adres: Gdansk, ul. Debinki 7, bud 25 Klin, Chor. Psychicznych A. M. (NEUROSES, case reports of organic origin)



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APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961510013-4"

SULESTROWSKI, Waldemar: WDOWIAK, Leonard

Psychiatric legal expert evaluation of sex crimes. Neur. &c polska 10 no.2:247-259 Mr-Ap \*60.

1. Z Kliniki Chorob Psychicznych A.M. w Gdansku Kierownik: prof. dr T.Bilikiewicz

(SEX DEVIATION jurisprudence)

# WDOWIAK: Leonard

Etio-epigenesis in psychiatry. Neur. &c polska 10 no.4;519-526 Jl-Ag 260.

1. Z Kliniki Chorob Psychicznych A.M. w Gdansku Kierownik: prof. dr med. T.Bilikiewicz (PSYCHIATRY)

### FALICKI, Zdzislaw; WDOWIAK, Leonard

Difficulties in establishing the responsibility in criminal cases and their relation to qualifications of the punishable act. Neurol. neurochir. psychiat. Pol. 14 no. 2:333-337 Mr-Ap '64.

1. Z Kliniki Chorob Psychicznych AM w Gdansku (Kierownik: prof. dr med. T.Bilikiewicz).

WDOWIAK, Leonard
Superimposed hysterical complications in organic brain

I. Z Kliniki Chorob Psychicznych AM w Gdansku (Kierownik: prof. dr med. et phil. ".Bilikiew! z) Recenzenci: prof. dr med. M.Kaczynski, prof. dr med. W.Grabowski.

lesions. Rozpr. wydz. nauk med. 9 no. 1:153-184 '64.

CZECHOSLOVANIA / POLAND

WDOWIAK, L.; JEDRZEJCZAKCMA, M.; Psychiatric Clinic, Redical Academy, Szcecin. Original version not given 7.

"Psychotic Complications During Psychopharmacological Thorapy."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Hov 66, pp

Abstract: The authors treated over 1000 nationts with psychopharmacological drugs in the last 3 years; out of these they observed 23 cases which can be described as complications. In 9 patients a psychotic complication similar to a delirium occurred. In 3 cases a lowering of consciousness and disorientation were observed; in 4 depressions were induced. In the remainder the patterns varied. In all cases after the medication was into rupted for 4 days the complications disappeared. No references. Submitted at the 8th Annual Esychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in German.

CZECHOSLOVAKIA / POLAND

WDOWIAK, L.: JEDRZEJCZAKOWA, M.; WARNECKA, M.; Psychiatric Clinic, Medical Academy, Sczecin. Zoriginal version not given J.

"Pseudoencephalic Symptoms Luring Psychopharmacological Treatment."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp

Abstract: Extrapyramidal syndromes in handling of mental patients are discussed. The occurrence of side-effects of some drugs is reviewed and the complications caused by these are evaluated. The symptoms described as "pseudoencephalitis" are described. Observations made recently at the Szczecin Clinic on 10 patients who developed such a syndrome during treatment with neuroleptics are discussed. 6 patients were treated with Perazin, 2 with Levopromazine. The toxic effects appeared after 4 - 35 days, maintients are presented. All the patients recovered. The factor responsible for the development of toxic encephalitis could not be pharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in German.

## CZECHOS LOVED FOR RELEASEP 09/01/2001 CIA-RDP86-00513R001961510013-4

WDOWIAK, L.; JEDRZEJCZAKOWA, M.; WARNECKA, M.; Psychiatric Clinic, Medical Academy, Szczecin. /Original version not given /.

"Haloperidol - a Specific in the Treatment of StuporCatatonia."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp

Abstract: Haloperidol therapy is indicated in psychoses characterized by increased psychomotor activity. The authors investigated the use of the drug in diseases where an inhibition of the psychomotor activity exists. 22 patients suffering from hypokinetic catatonia were used in the experiments. A daily dose of 2 to 5 mg was used. Only in one case where the catatonia was not accompanied by a stupor was the treatment without success; in 16 a partial improvement. The haloperidol treatment is usually followed by thioridazine therapy. In 2 patients pseudoencophalitic symptoms occurred after a few days and their treatment had to be interrupted. In nearly all of the cases extrapyramidal symptoms appeared. No references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in Ger-

# WDOWIAK, Maria Wanda Candidiasis in premature infants according to our observations. Pol. tyg. lek. 18 no.52:1961-1962 23 D '63. 1. Z II Kliniki Polo znictwa i Chorob Kobiecych Akademii Medycznej w Gdansku (kierownik: prof. dr med. W. Gromadzki).

WIDOWIAK, S.

Measurement of the radius of a curvature by autocollimation. p.179
(POMIARY, AUTOMATIKA, KONTROLA, Vol. 2, No. 12, Dec. 1956, Warsaw, Poland)

So: Monthly List of East European Accessions (FEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.